

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	5943	((428/690,917) or (313/504,506) or (252/301.16)).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/04/06 07:47
L2	128	(heteroarene or heteraryl or heteroarylene or heteroaromatic) same (fused with hydrocarbon)	US-PGPUB; USPAT	OR	ON	2006/04/06 07:47
L3	698	(heteroarene or heteraryl or heteroarylene or heteroaromatic) same (phenanthryl\$6 or phenanthren\$6 or pyrene or pyrenyl\$6 or perylene or perylenyl\$6 or chrysene or chrysenyl\$6 or triphenylene)	US-PGPUB; USPAT	OR	ON	2006/04/06 07:58
L4	6052	(pyridine or pyridinyl\$6 or pyrazine or pyrazinyl\$6 or triazine or triazinyl\$6 or thiophene or thiophenyl\$6 or thienyl\$6 or quinoline or quinolinyl\$6 or quinoxaline or quinoxalinyl\$6) same (phenanthryl\$6 or phenanthren\$6 or pyrene or pyrenyl\$6 or perylene or perylenyl\$6 or chrysene or chrysenyl\$6 or triphenylene)	US-PGPUB; USPAT	OR	ON	2006/04/06 07:59
L5	1033	(pyridine or pyridinyl\$6 or pyrazine or pyrazinyl\$6 or triazine or triazinyl\$6 or thiophene or thiophenyl\$6 or thienyl\$6 or quinoline or quinolinyl\$6 or quinoxaline or quinoxalinyl\$6) same (fused with hydrocarbon)	US-PGPUB; USPAT	OR	ON	2006/04/06 07:48
L6	12	1 and 2	US-PGPUB; USPAT	OR	ON	2006/04/06 07:57
L9	735	1 and (3 or 4 or 5)	US-PGPUB; USPAT	OR	ON	2006/04/06 07:52
L10	505	heteroaryl same (fused with hydrocarbon)	US-PGPUB; USPAT	OR	ON	2006/04/06 07:52
L11	1085	heteroaryl same (phenanthryl\$6 or phenanthren\$6 or pyrene or pyrenyl\$6 or perylene or perylenyl\$6 or chrysene or chrysenyl\$6 or triphenylene)	US-PGPUB; USPAT	OR	ON	2006/04/06 07:52
L12	1383	(10 or 11) not (2 or 3)	US-PGPUB; USPAT	OR	ON	2006/04/06 07:53
L13	52	12 and 1	US-PGPUB; USPAT	OR	ON	2006/04/06 07:54

## EAST Search History

L14	210	heteroar\$.clm. and (electrolumines\$5 or lumines\$5 or (light with (emit\$5 or emiss\$5))). clm. and (fused or condensed). clm.	US-PGPUB; USPAT	OR	ON	2006/04/06 07:54
L18	1210	(heteroarene or heteroaryl or heteroarylene or heteroaromatic) same (fluorene or fluorenyl\$6)	US-PGPUB; USPAT	OR	ON	2006/04/06 07:59
L19	4011	(pyridine or pyridinyl\$6 or pyrazine or pyrazinyl\$6 or triazine or triazinyl\$6 or thiophene or thiophenyl\$6 or thienyl\$6 or quinoline or quinolinyl\$6 or quinoxaline or quinoxalinyl\$6) same (fluorene or fluorenyl\$6)	US-PGPUB; USPAT	OR	ON	2006/04/06 07:59
L20	395	1 and (18 or 19)	US-PGPUB; USPAT	OR	ON	2006/04/06 08:01
L21	441	(257/E51.049).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/04/06 08:01
L22	199	21 and (2 or 3 or 4 or 5 or 10 or 11 or 18 or 19)	US-PGPUB; USPAT	OR	ON	2006/04/06 08:02
L23	30	22 not (6 or 9 or 20)	US-PGPUB; USPAT	OR	ON	2006/04/06 08:03

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## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	22391	(heteroarene or heteroaryl or heteroarylene or heteroaromatic).clm.	US-PGPUB; USPAT	OR	ON	2006/04/06 12:45
L2	48989	(pyridine or pyridinyl\$6 or pyrazine or pyrazinyl\$6 or triazine or triazinyl\$6 or thiophene or thiophenyl\$6 or thienyl\$6 or quinoline or quinolinyl\$6 or quinoxaline or quinoxalinyl\$6).clm.	US-PGPUB; USPAT	OR	ON	2006/04/06 12:46
L3	7550	(phenanthryl\$6 or phenanthren\$6 or pyrene or pyrenyl\$6 or perylene or perylenyl\$6 or chrysene or chrysenyl\$6 or triphenylene or fluorene or fluorenyl\$6).clm.	US-PGPUB; USPAT	OR	ON	2006/04/06 12:49
L4	9580	((fused or condensed) with (hydrocarbon or aromatic or aryl or arylene)).clm.	US-PGPUB; USPAT	OR	ON	2006/04/06 12:50
L5	6512	(1 or 2) and (3 or 4)	US-PGPUB; USPAT	OR	ON	2006/04/06 12:49
L6	4391	(1 or 2) same (3 or 4)	US-PGPUB; USPAT	OR	ON	2006/04/06 12:50
L7	486558	electrolumines\$5 or lumines\$5 or fluores\$5 or (light with (emit\$5 or emiss\$5))	US-PGPUB; USPAT	OR	ON	2006/04/06 12:51
L8	1551	6 and 7	US-PGPUB; USPAT	OR	ON	2006/04/06 12:51
L9	470	8 and (electrode or cathode or anode)	US-PGPUB; USPAT	OR	ON	2006/04/06 12:51

*Interference Text Search*

*MRJ*